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FIG. 1

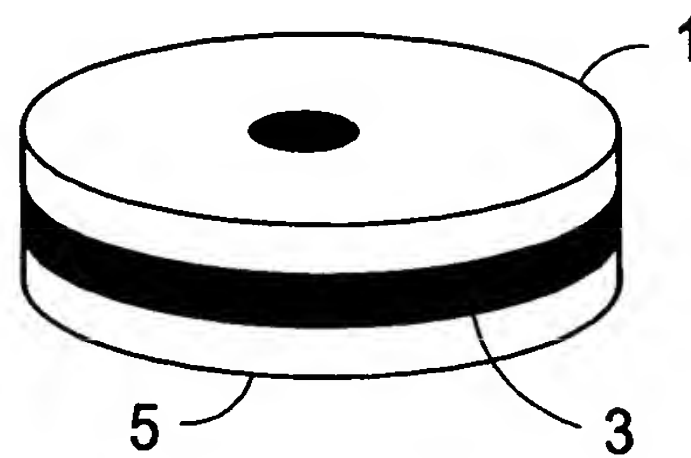


FIG. 2

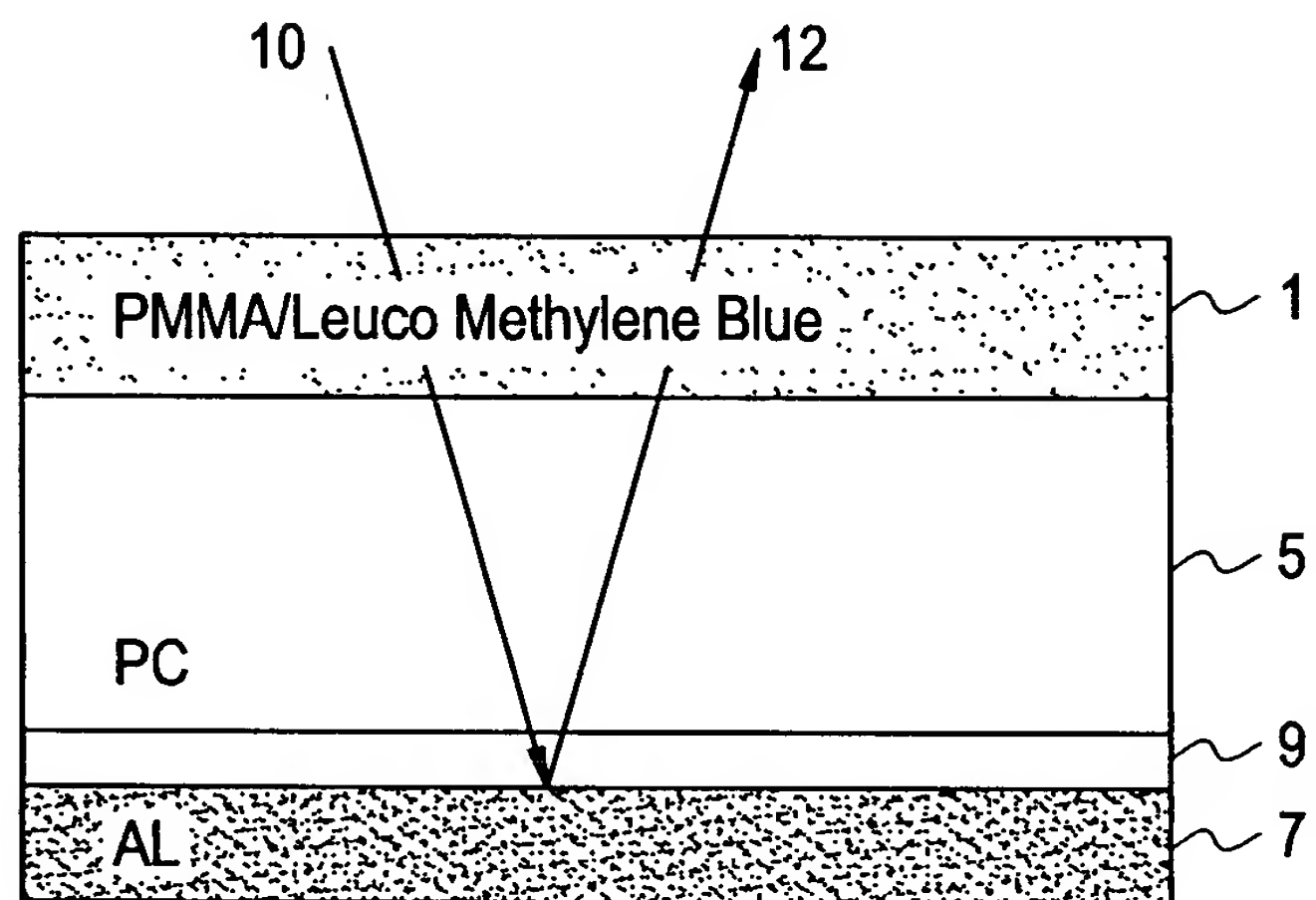
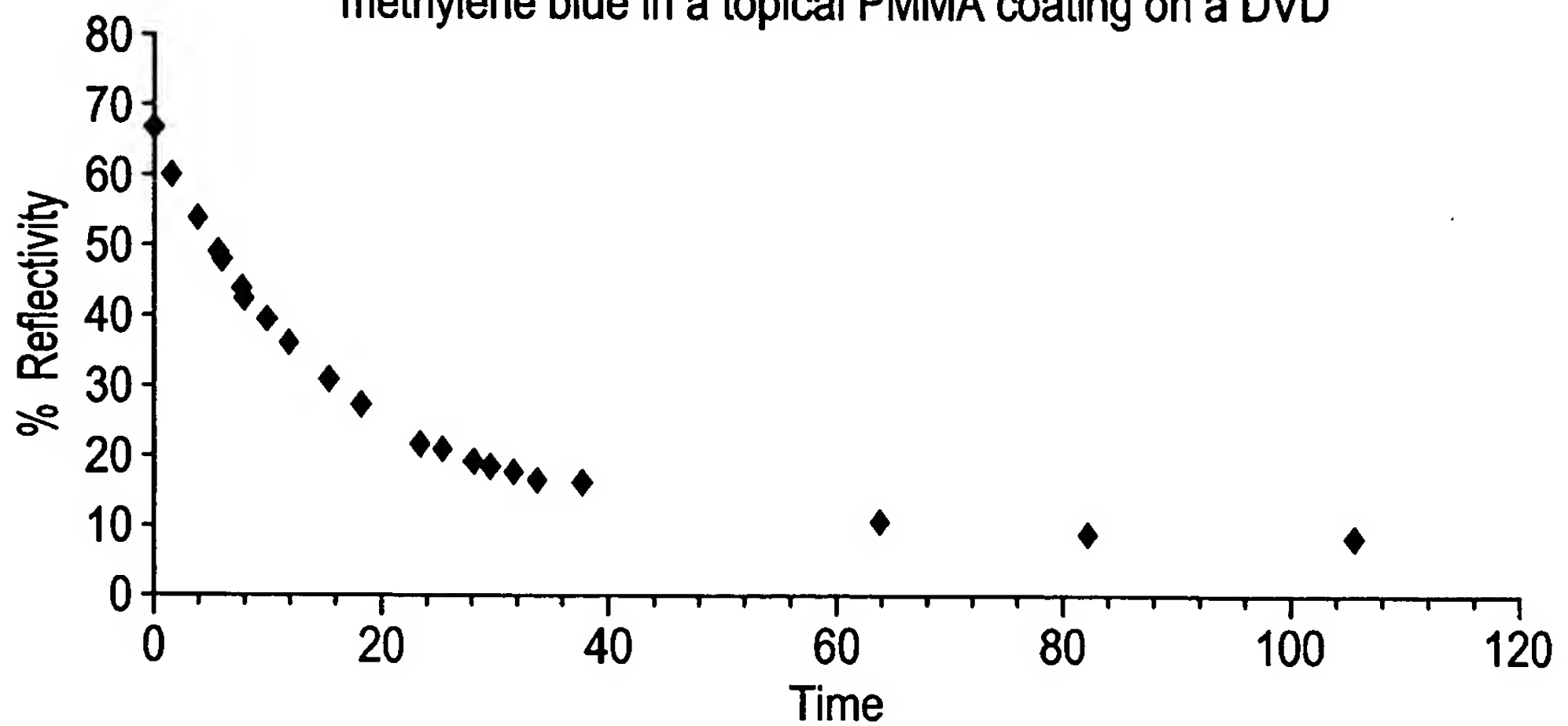


FIG. 3

Oxidation Kinetics of leuco methylene blue to methylene blue in a topical PMMA coating on a DVD



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FIG. 4

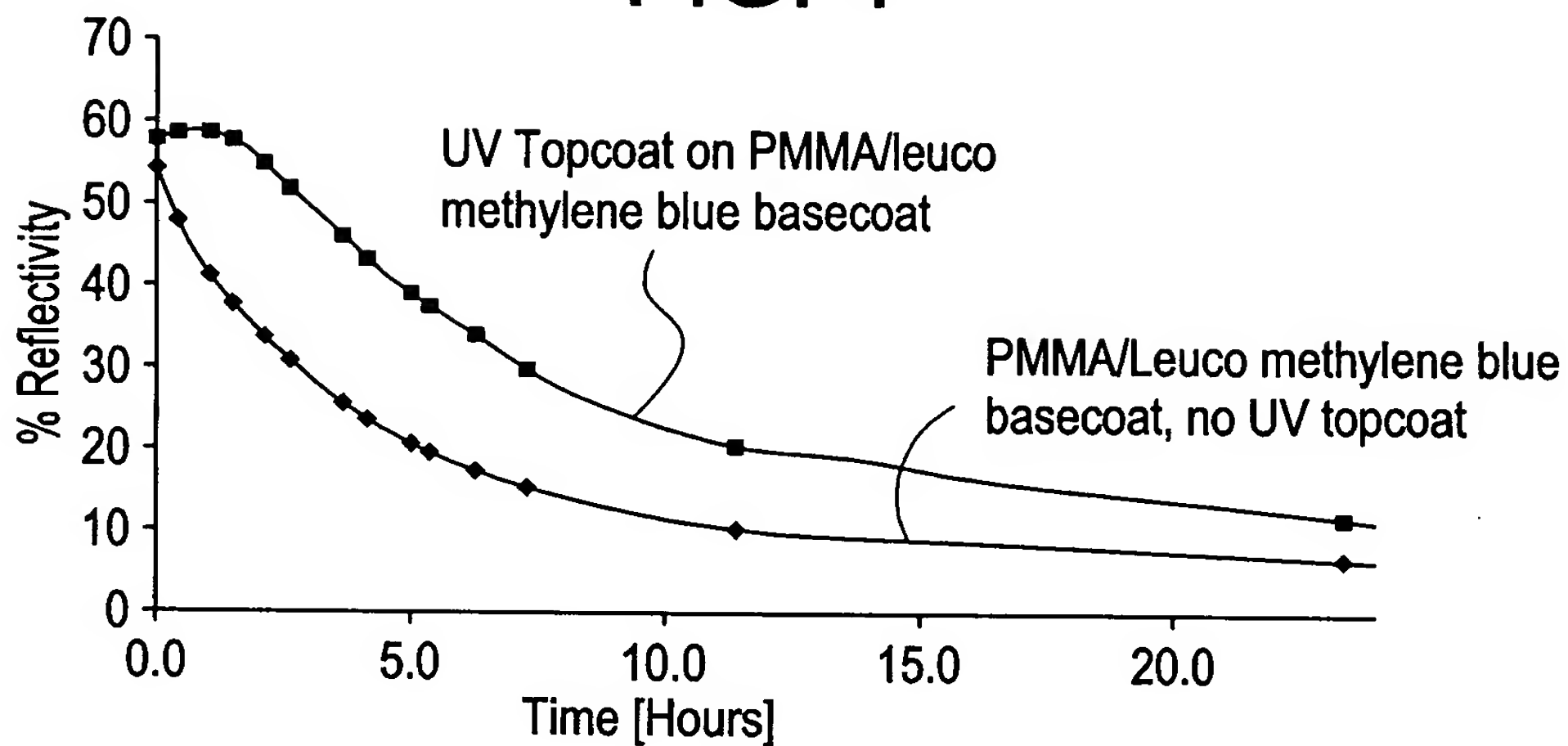
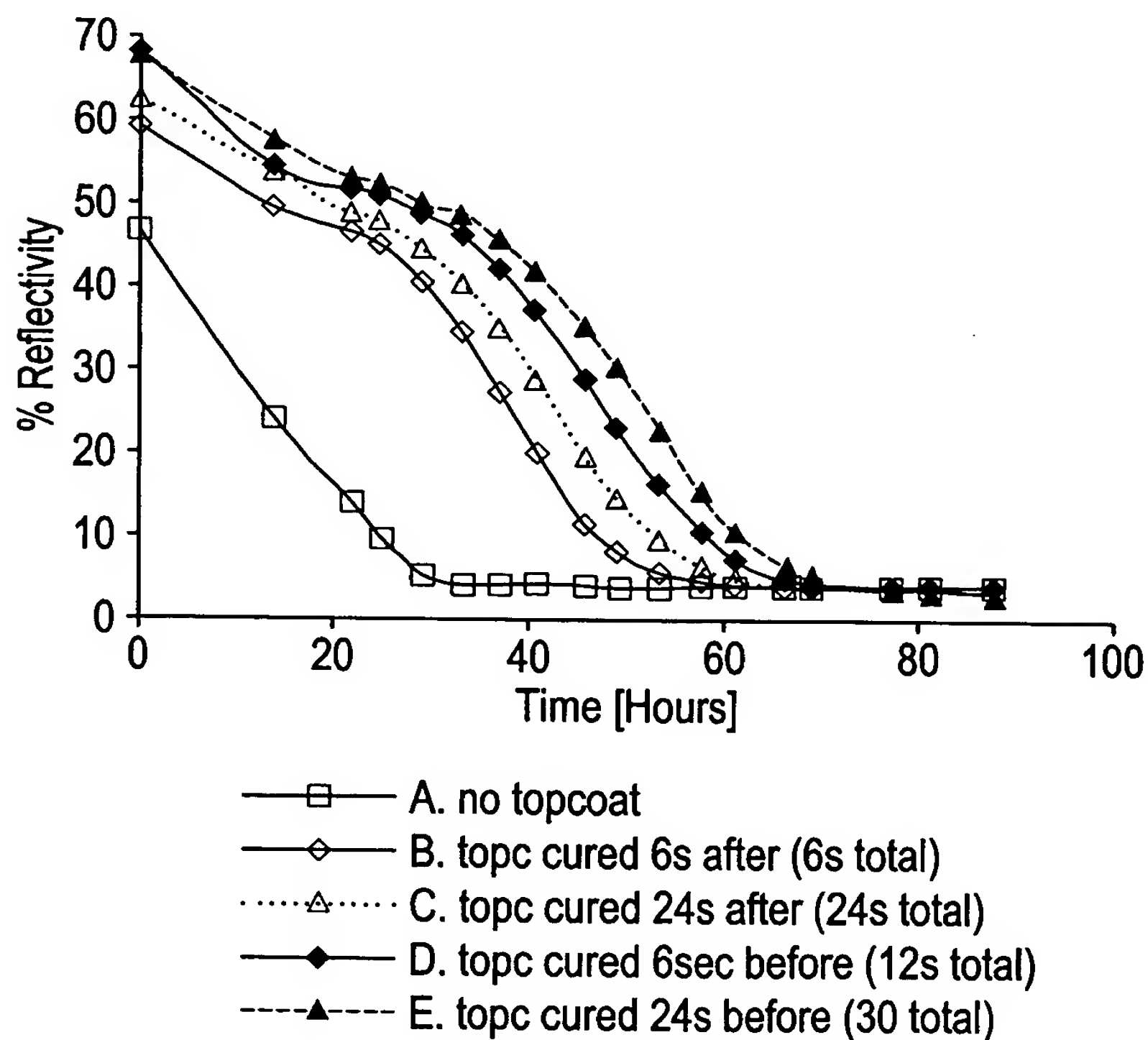


FIG. 5

Comparison of Kinetics of Samples With and Without Barrier Coating



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FIG. 6

Limited-play "reverse-mastered" DVD-5
with reactive dye in adhesive and topical barrier coating

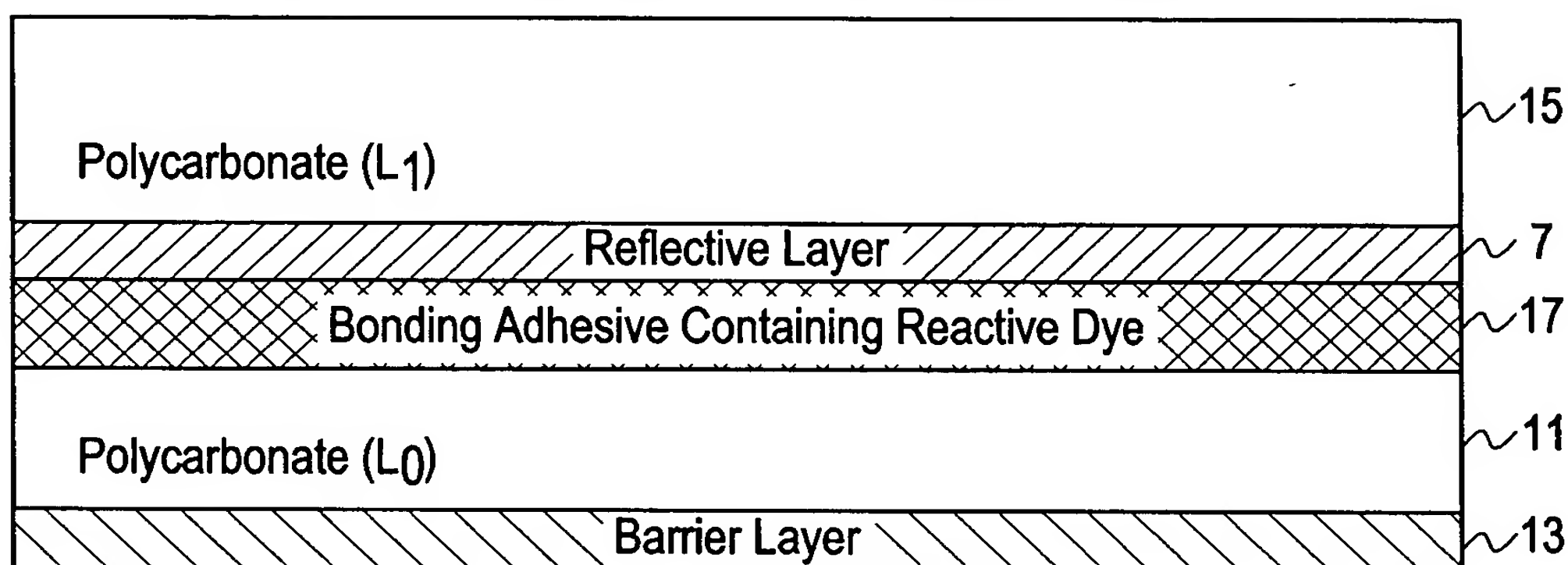
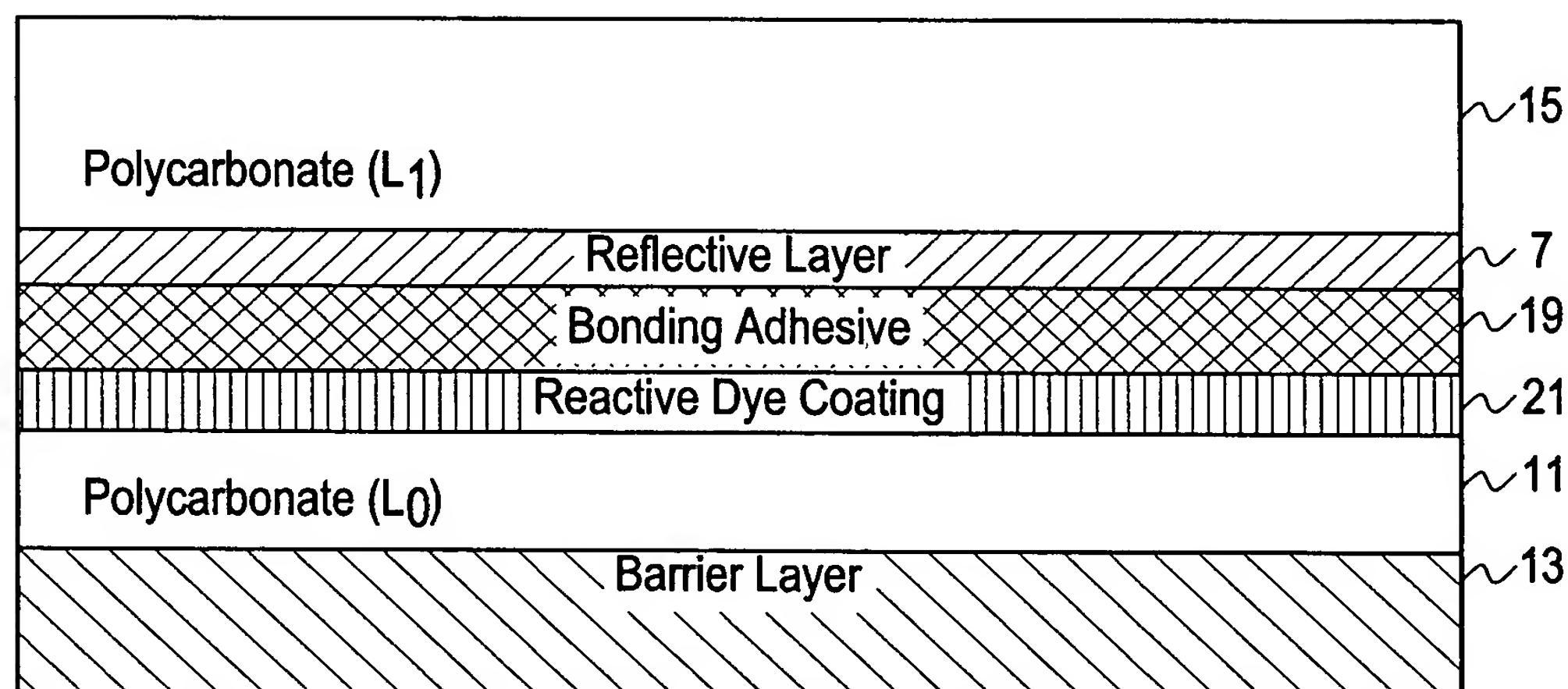


FIG. 7

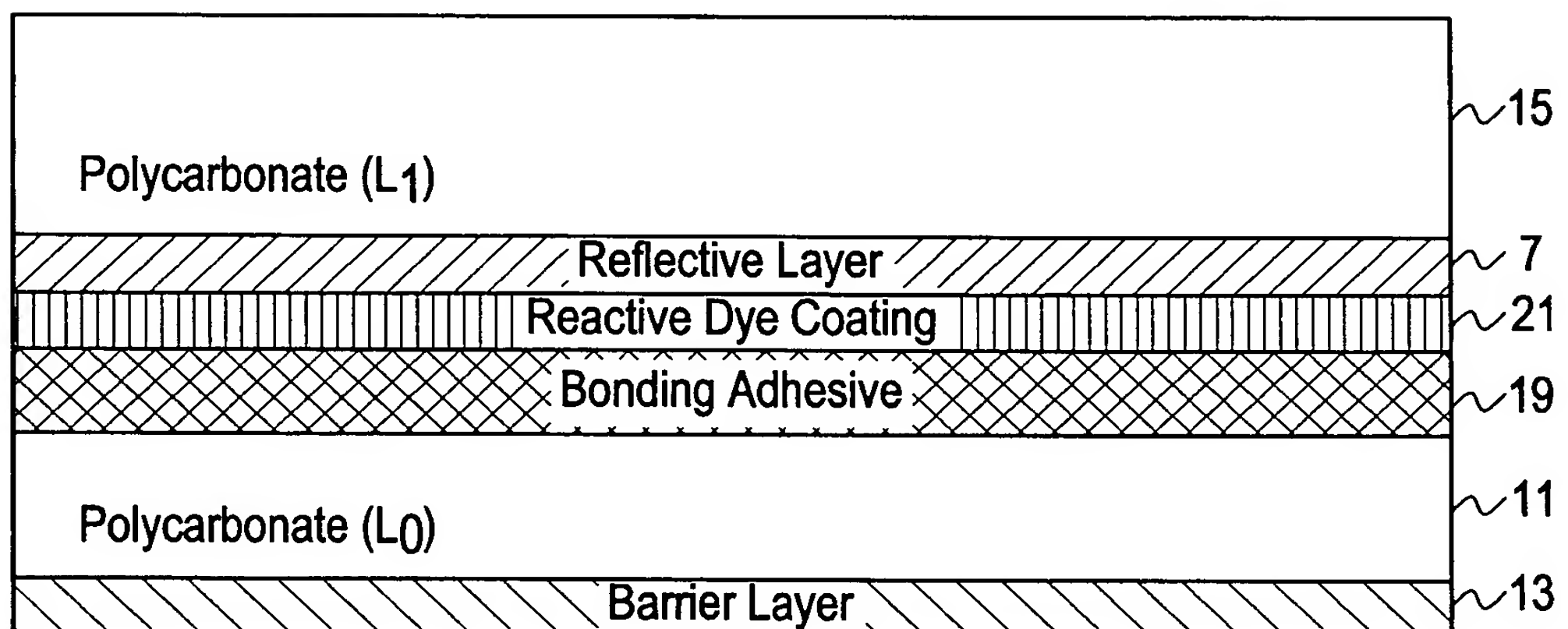
Limited-play "reverse-mastered" DVD-5
with reactive dye coating and topical barrier coating



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FIG. 8

Limited-play "reverse-mastered" DVD-5
with reactive dye coating and topical barrier coating



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FIG. 9

Limited-play "reverse-mastered" DVD-5
with reactive dye in adhesive and barrier layer

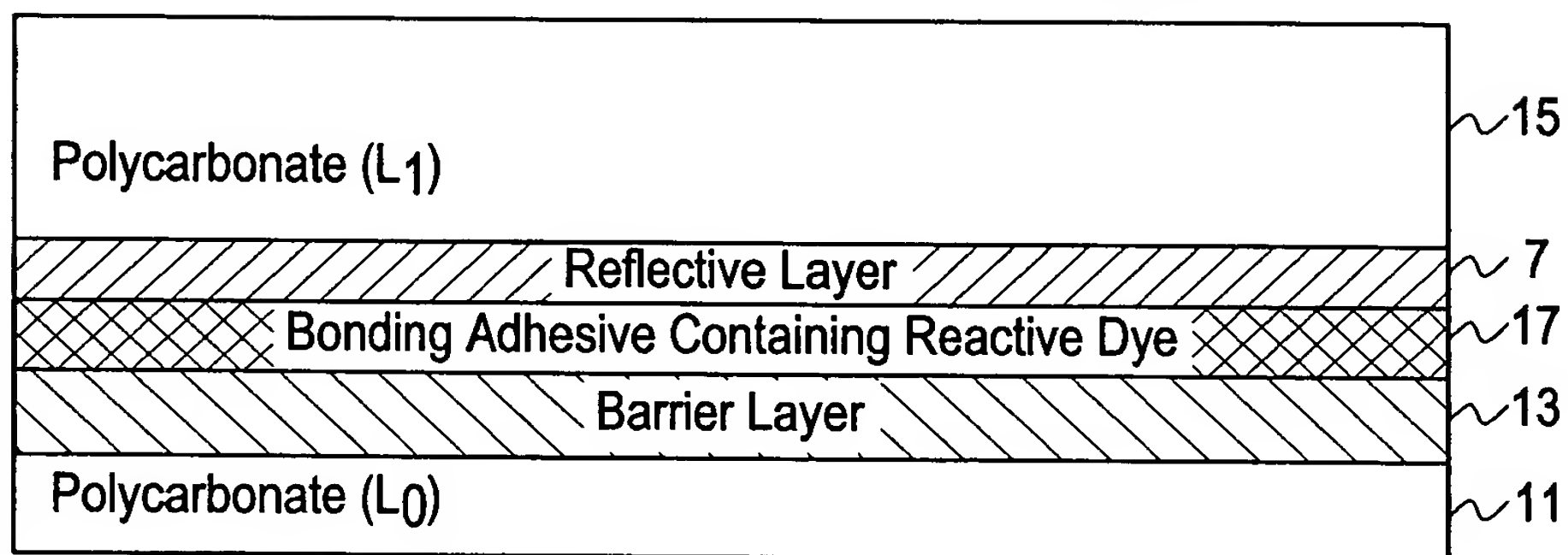
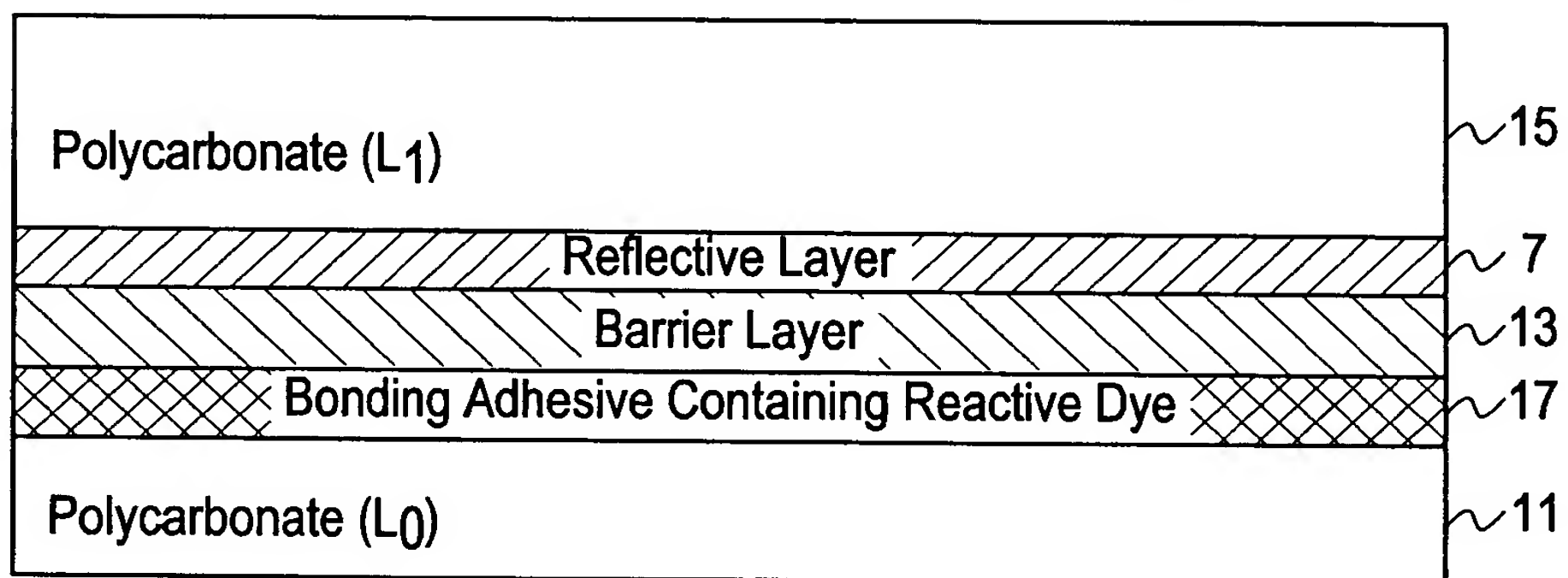


FIG. 10

Limited-play "reverse-mastered" DVD-5
with reactive dye in adhesive and barrier layer



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FIG. 11

Limited-play "reverse-mastered" DVD-5
with reactive dye coating and barrier layer

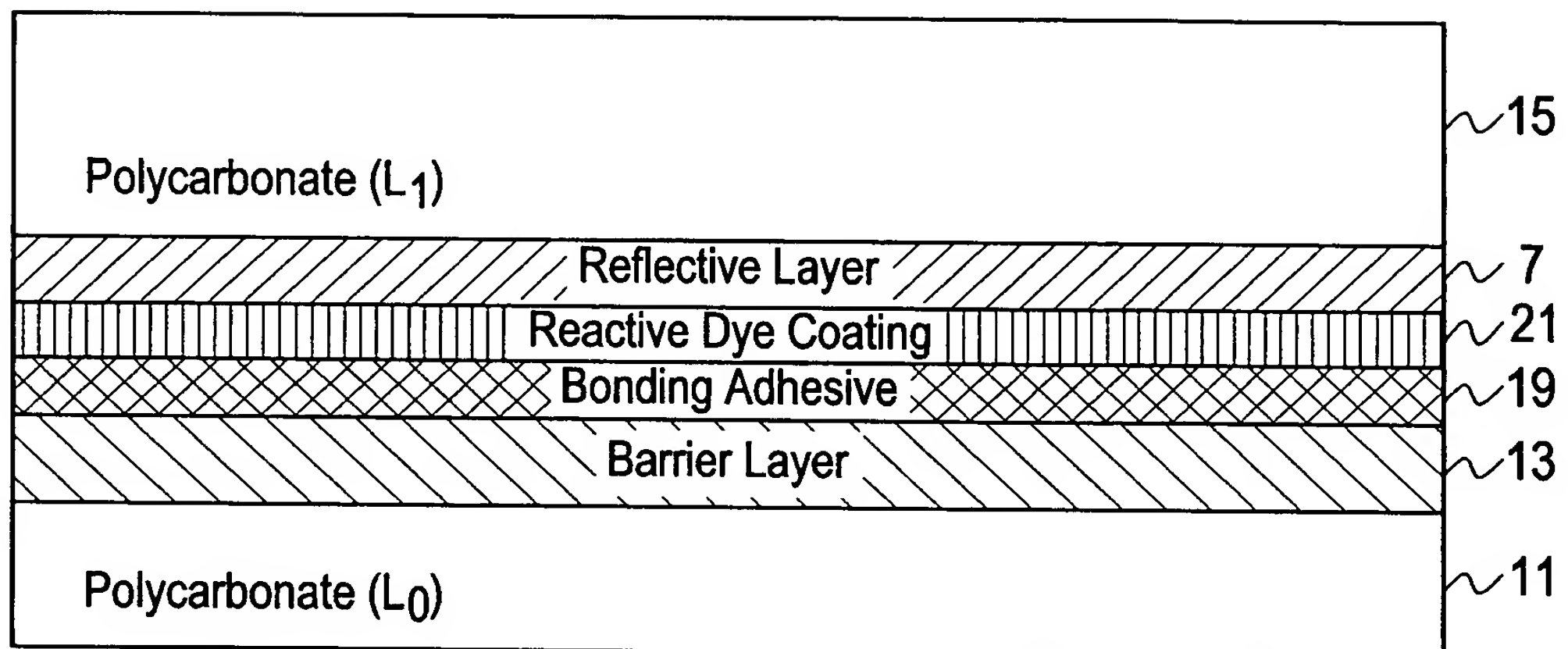


FIG. 12

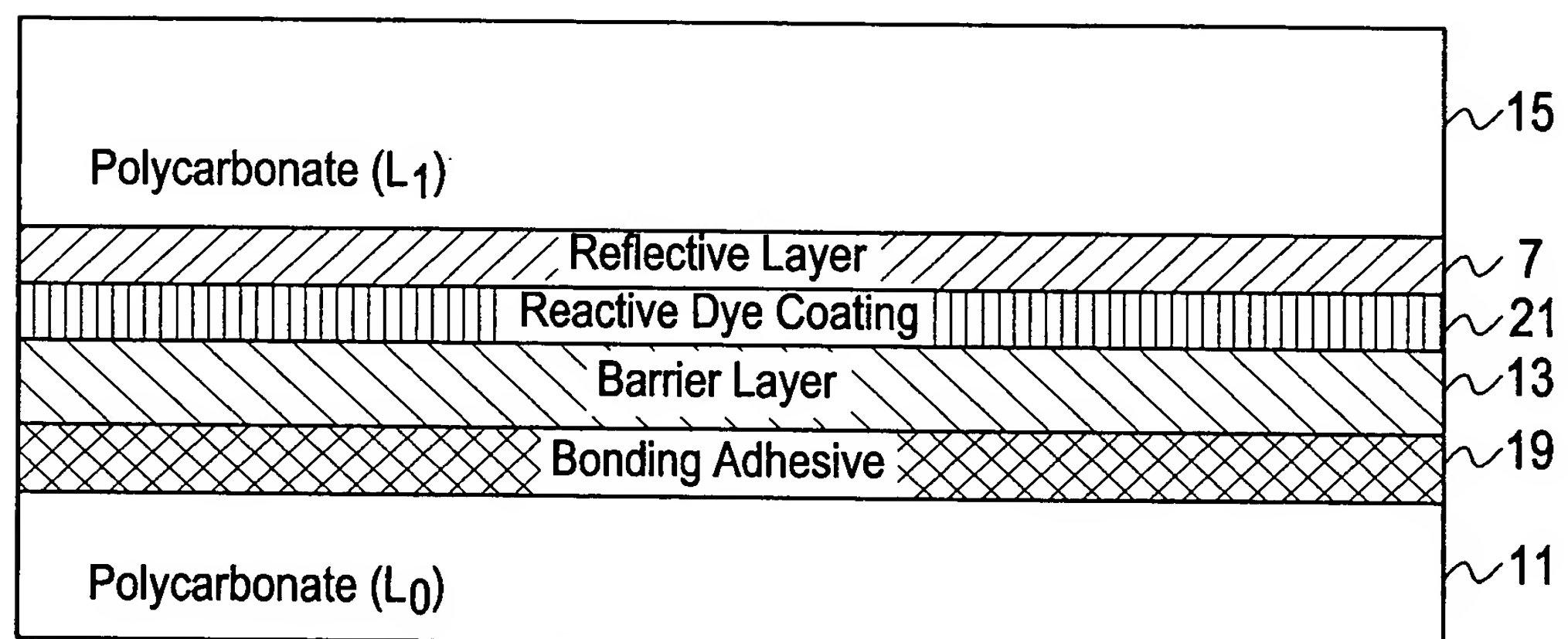


FIG. 13

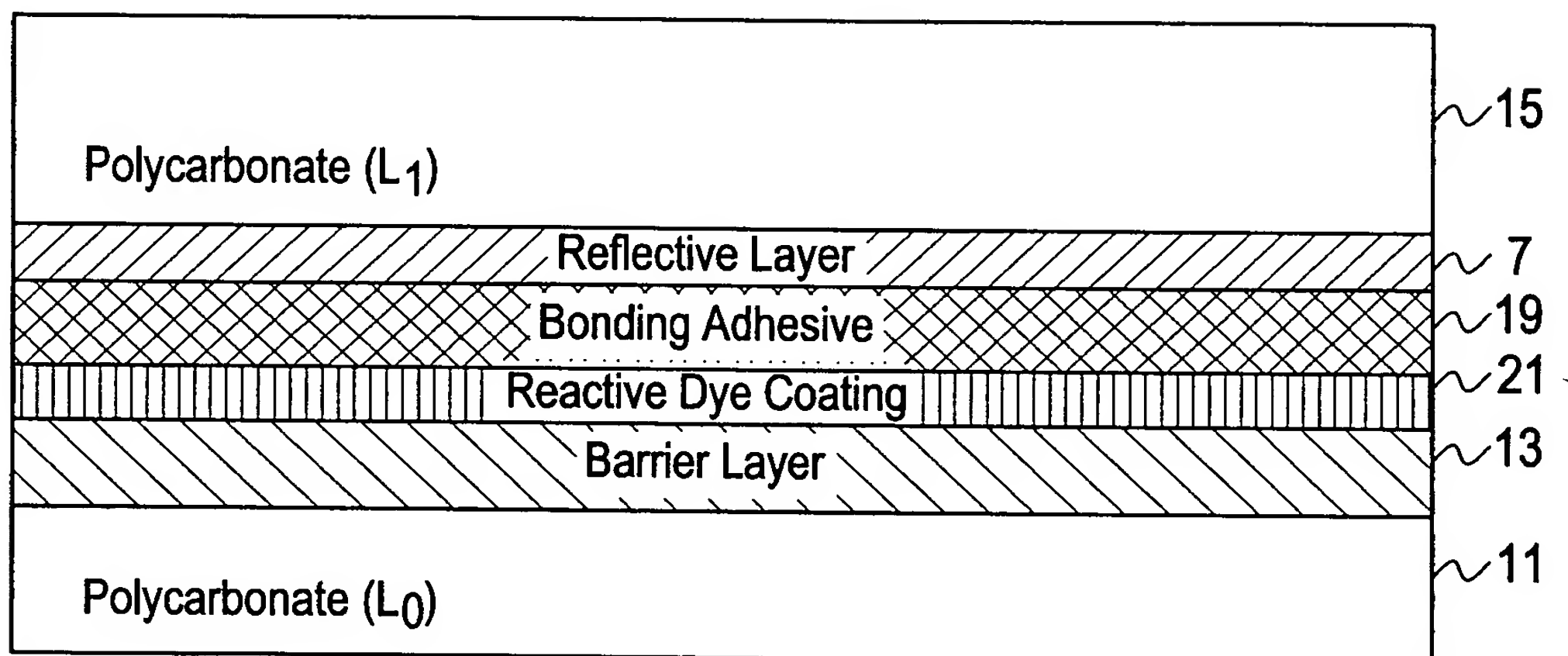


FIG. 14

Limited-play DVD-9 with topical barrier coating

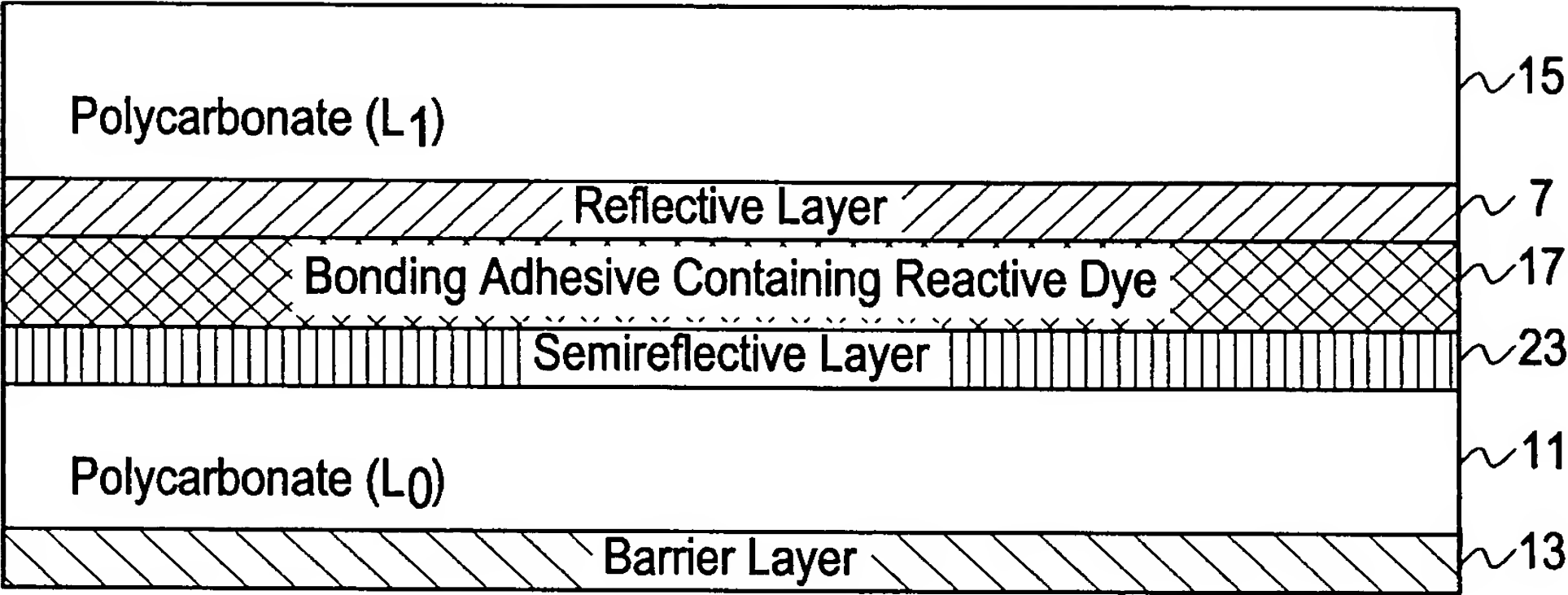


FIG. 15

Limited-play DVD-9 with internal barrier coating

